

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO LIGHT GRAVEL

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of

sand & gravel in the state of Missouri. The extent of the

Proposed mining operation(s) will be on two acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Cape Girardeau	05	33N	11E	2	0	2	South Fork Apple Creek	1843

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 14th day of May 2004



DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0875

Effective Date 05/14/2004

Expiration Date 05/08/2005

MO 780-1122 (6-95)

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND
RECLAMATION COMMISSION

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL LIGHT GRAVEL		DATE 4-5-04	
ADDRESS 13878 State Hwy B	CITY Perryville	STATE mo	ZIP CODE 63775
CONTACT PERSON Don Light		TELEPHONE NUMBER 573-788-2364	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$

TOTAL SITE FEE \longrightarrow \$

2. Acreage Fee \$5 X _____ number of acres bonded\$

3. Annual Permit Fee.....\$ 500

4. Total Fee (Add totals from 1, 2 and 3).....\$

NOTE: If Total Fee exceeds \$2,500.00 then pay only\$ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee.....\$ 300

SIGNATURE OF APPLICANT <i>Don Light</i>	TITLE Owner/Operator	DATE 4/6/04
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Appeared before me this _____ day of _____, 20____, _____
to me personally known, who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSER SEAL	STATE OF Missouri	COUNTY (OR CITY OF ST. LOUIS) Perry
	SUBSCRIBED AND SWORN BEFORE ME, THIS 6th DAY OF April YEAR 2004	
	NOTARY PUBLIC SIGNATURE <i>Kelly K Hotop</i>	MY COMMISSION EXPIRES 4-22-07
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Kelly K Hotop	

KELLY K. HOTOP
Notary Public-Notary Seal
STATE OF MISSOURI
Perry County
My Commission Expires: 4-22-2007

FOR DEPARTMENT USE ONLY: APPROVED BY <i>[Signature]</i>	DATE APPROVED 4-19-04	PERMIT NUMBER OE 75	EXPIRATION DATE 4-22-07 WSE
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5-8-05



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

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To be completed for each separate area of disturbance associated with mining operations.		
SITE NAME OR NUMBER Apple Creek		PERMIT NUMBER 0875
COMPANY NAME Light Gravel		
COUNTY Cape Girardeau	1/4 SECTION NE	SECTION 5
TOWNSHIP 33 North	RANGE 11 East	ACRES 2
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) South Fork Apple Creek		
MINERAL COMMODITY Sand & Gravel		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) 3800 tons

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) Don Light		
ADDRESS 13878 State Hwy B		
CITY Perryville	STATE MO	ZIP CODE 63775
SOURCE OF RIGHT TO MINE (CHECK ONE) <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT 2/09/01
		<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) Don Light		
ADDRESS 13878 State Hwy B		
CITY Perryville	STATE MO	ZIP CODE 63775
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input checked="" type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT 2/09/01
		<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT
NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.		



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

STREAM PROTECTION PLAN - 10 CSR 40-10.020(2)(D)3

(Required for in-stream sites, or as required by the Director)

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TYPE OF PLAN
(CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: 3/14/2035

Company Name: Light Gravel

DESCRIPTION OF STREAM CONDITION PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING BANK CONDITION, BANK VEGETATION AND WATER QUALITY.

The area to be mined involves a one quarter mile stretch of Apple Creek bordered by agricultural operation (cropland) with a one hundred foot buffer strip with trees & cool season grasses on both sides of the creek. The inside bank is level with gravel and is well vegetated. The outside bank has a problem with erosion, but has been getting better with willow plantings. The water quality in the creek is excellent. Photos of the creek are enclosed.

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM BANKS, SUCH AS PROTECTING BANK VEGETATION, IF APPLICABLE.

Excavation between the stream banks will be managed such that the water flow is not redirected towards the stream banks. A ten foot width of gravel will be undisturbed between the operation and stream bank. A five foot width of gravel will be left between the waters edge and the operation.

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM ENVIRONMENTS, SUCH AS KEEPING ACTIVE MINING OPERATIONS ON GRAVEL BARS, RATHER THAN IN FLOWING WATER, AND KEEPING HAUL ROADS AWAY FROM FLOWING WATER, IF APPLICABLE.

Gravel removal will be restricted to the exposed portion of gravel (gravel bars). We will shave the top of the gravel bars to a depth no deeper than the normal water level. This will help the existing erosion problem of the stream bank AND CHANNEL AT THE MINING SITE AND UPSTREAM (headcutting). Although we must cross the stream to access the gravel bar, we will always cross the creek at the same place.

DESCRIBE METHODS USED TO PROTECT WATER QUALITY, SUCH AS INSTALLING EROSION CONTROL DEVICES, IF APPLICABLE.

Gravel removal will be restricted to periods of low flow. A ten foot strip of gravel will be left undisturbed between the excavation and the stream side vegetation. We will continue to help the erosion problems with willow stakes.

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MAR 02 2001

MISSOURI LAND

By my signature, I attest to the following:

- 1) All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2) I or the company I am authorized to represent intend(s) to mine in accordance with this Plan, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3) I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no right to grant such access, I have attached signed affidavits from the landowners granting such access.

SIGNATURE OF APPLICANT ▶ <i>Don Light</i>		TITLE Owner Operator	DATE 02/24/2001
Appeared before me this <u>24th</u> day of <u>FEBRUARY</u> , 19 <u>2001</u> <u>Donald R. Light</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <u>Missouri</u>	COUNTY (OR CITY OF ST. LOUIS) <u>PERRY</u>	
	SUBSCRIBED AND SWORN BEFORE ME THIS <u>24th</u> DAY OF <u>FEBRUARY</u> 2001		
	NOTARY PUBLIC SIGNATURE <i>Judith L Ernst</i>	MY COMMISSION EXPIRES <u>02/24/2005</u>	USE RUBBER STAMP IN CLEAR AREA BELOW. JUDITH L. ERNST Notary Public - Notary Seal STATE OF MISSOURI Perry County My Commission Expires: <u>02/24/2005</u>
	NOTARY PUBLIC NAME (TYPED OR PRINTED): <u>Judith L ERNST</u>		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) ▶ <i>Leslie Grant</i>		TITLE <u>LRSI</u>	DATE APPROVED <u>5/9/01</u>

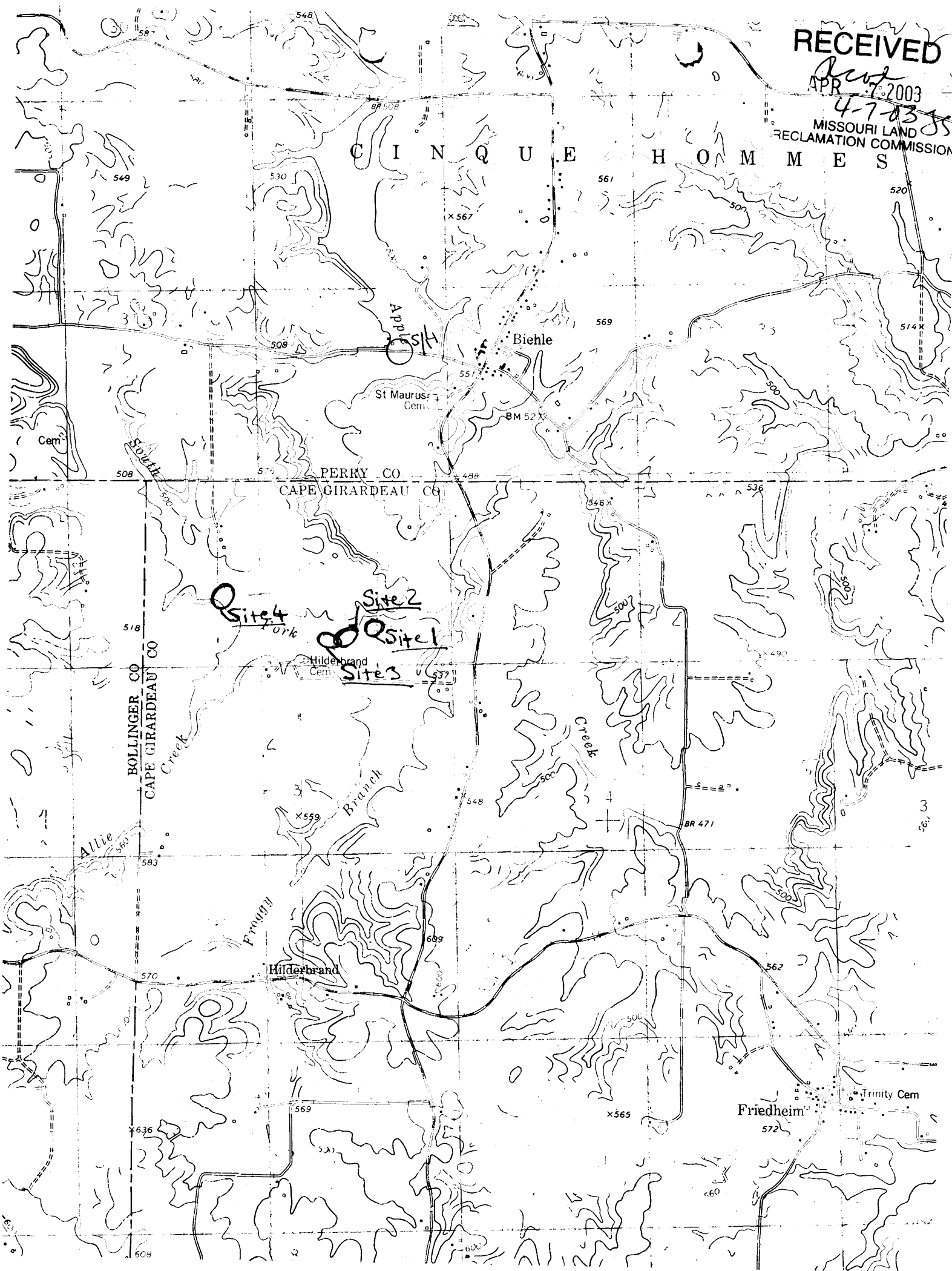
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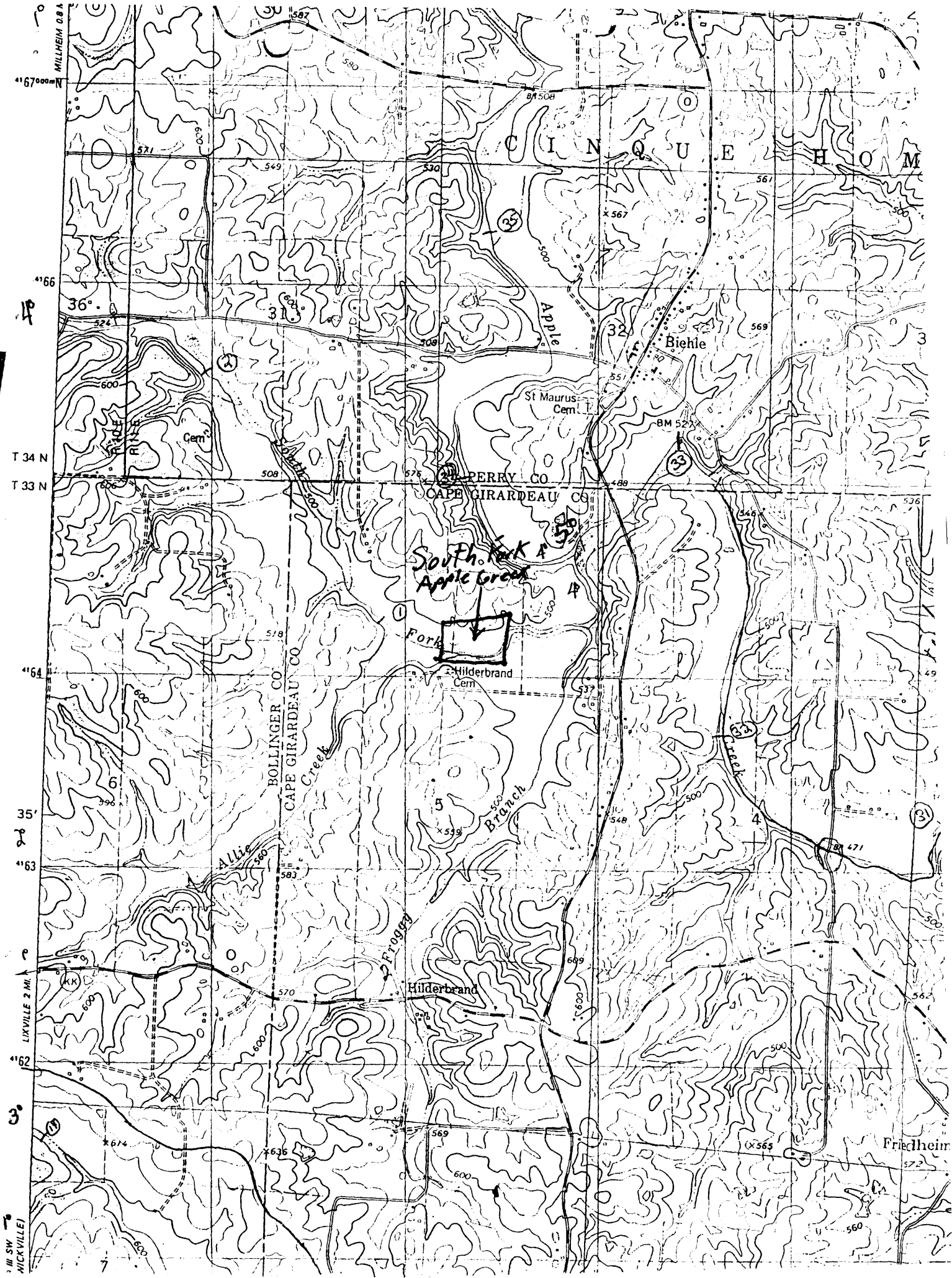
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MISSOURI LAND
RECLAMATION COMMISSION

C I N Q U E H O M M E S



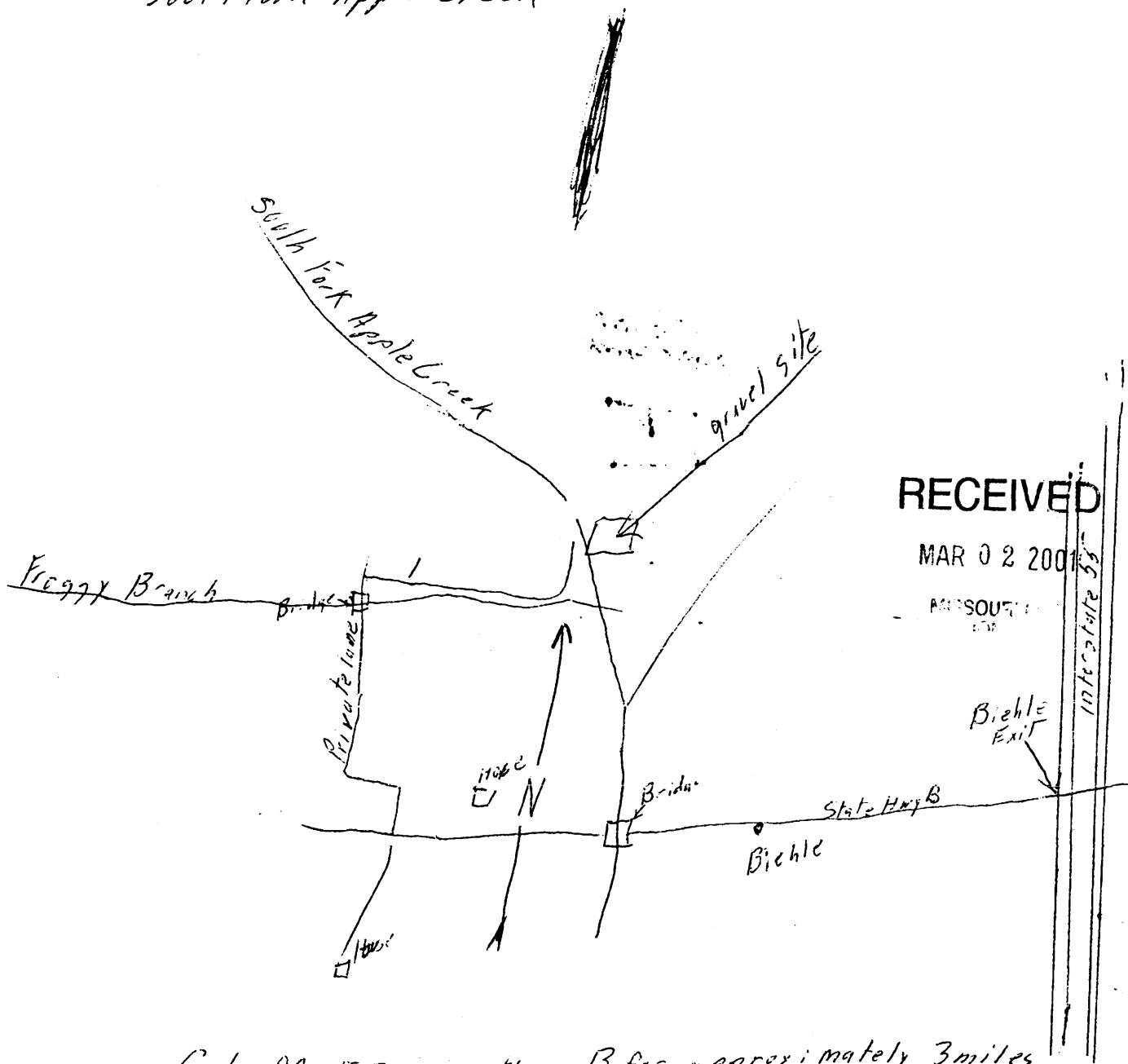


MILLHEIM 0.8 A
167000911
36°
T 34 N
T 33 N
164
35'
163
LIXVILLE 2 MI
162
3
NICKVILLE

Friedheim
572
560

This site is located on the right descending Bank of South Fork Apple Creek, located in Township 33 north, Range 11 east within the north west 1/4 of the northeast 1/4 of Section 5. This site is located approximately 2 miles northwest of Friedheim Cape Girardeau County Missouri.

Light Gravel
South Fork Apple Creek



Get off I 55 go south on B for approximately 3 miles
Turn right on the second private road past the Bridge
then make a right after Bridge to the site